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Commissioner for Patents Mail Stop Amendment P.O. Box 1450 Alexandria, VA 22313-1450

By: Janet S. Dewmater

Janet L. Newmaker

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Thomas R. Cech et al.

Application No.: 10/044,539

Filed: January 11, 2002

For: MAMMALIAN CELLS THAT

HAVE INCREASED

PROLIFERATIVE CAPACITY

(AMENDED)

Customer No.: 20350

Confirmation No.: 4930

Examiner:

Lieto, Louis D

Art Unit:

1632

SUPPLEMENTAL AMENDMENT

Commissioner for Patents Mail Stop Amendment P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This response is supplemental to the response filed on September 21, 2004, which was a complete response filed in reply to the Office Action mailed July 29, 2004.

Amendments to the Specification begin on page 3 of this paper.

Amendments to the Drawings begin on page 9 of this paper and include an attached replacement sheet.

Application No. 10/044,539 Supplemental Amendment dated October 12, 2004 Supplemental Reply to Office Action of July 29, 2004

PATENT

Remarks/Arguments begin on page 10 of this paper.